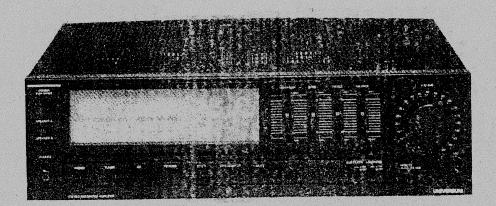
#### 065.6801

#### Quelle Technischer Kundendienst



BESTELL-NR.

GERAETEBEZEICHNUNG

WARENGATTUNG

AUSFUEHRUNGS-NR.

GERAETEBESCHREIBUNG

PRIVILEG

LIEFERANTEN-NR.

PREIS

KATALOG

GARANTIEZEIT

KD - SEKTOR

HEIM/BRINGE

BETREUUNG

KOSTENTRAEGER

REPARATURFAEHIG

0656801

UNIV. - VERSTAERKER

653

001

V 4695

205476

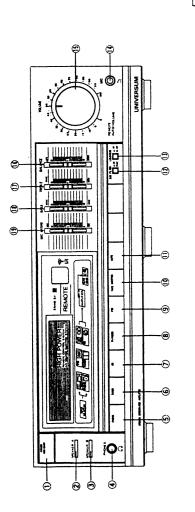
549.00

894

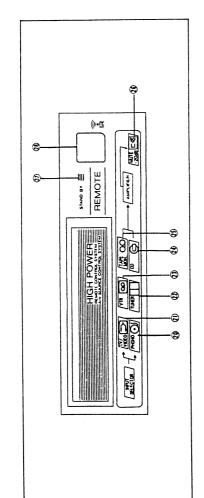
WERKSTATT

EIGEN

EIGEN



• io

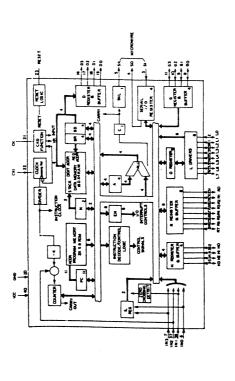


- R SELECTOR SIWTCH R SELECTOR SIWTCH

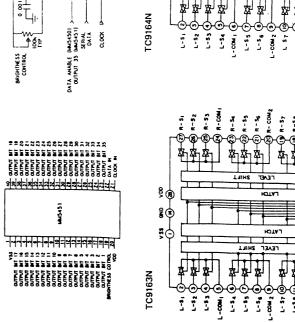
- 15. 17. 17. 19. 22. 22. 22. 23. 25. 26. 27. 28.

# 1) IC CONFIGURATIONS

COP440-WZF/N (IC-MICOM)

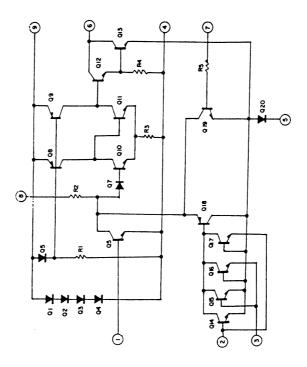


# MM5451N (REMOCON DRIVER)

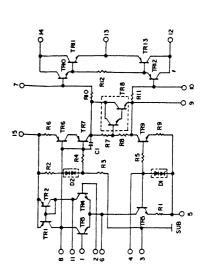


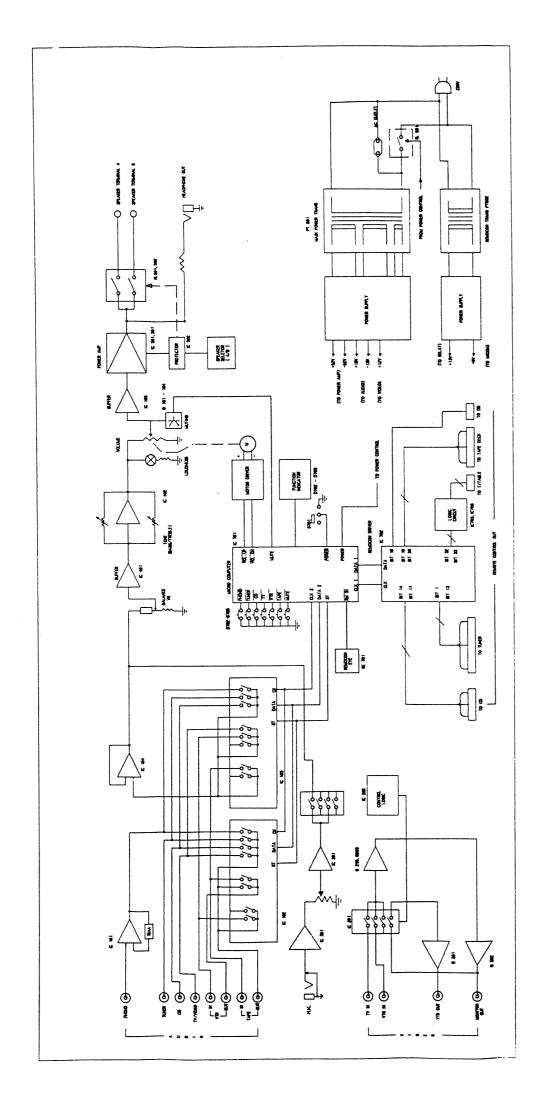
| DATA ANNARE INANSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSS |
|---|
|---|

## TA7317P

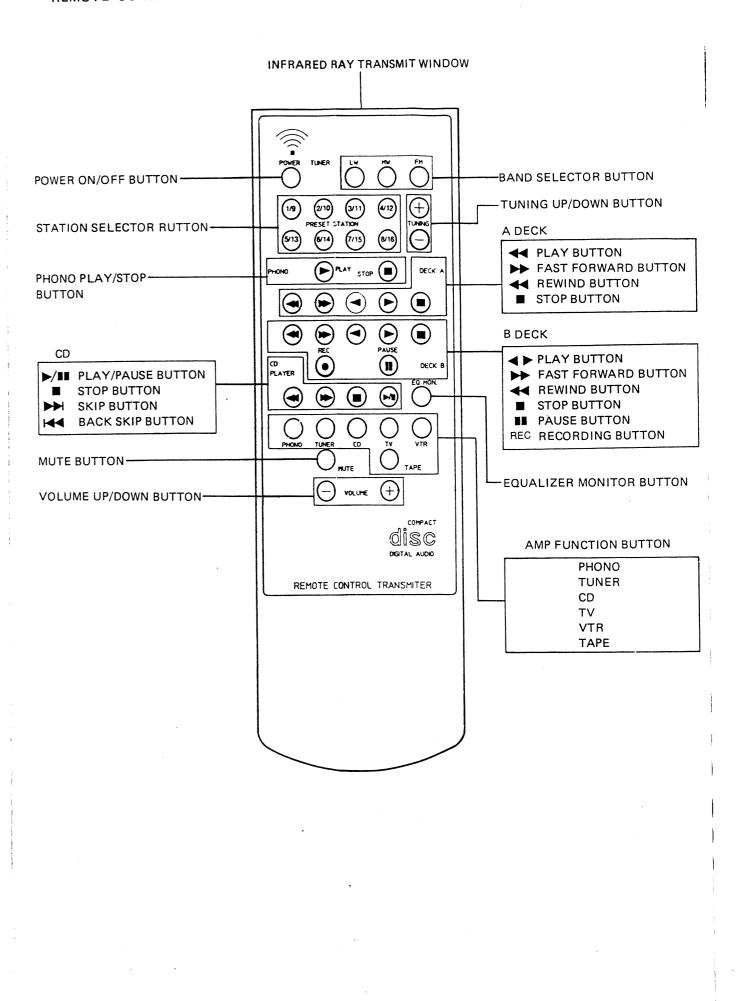


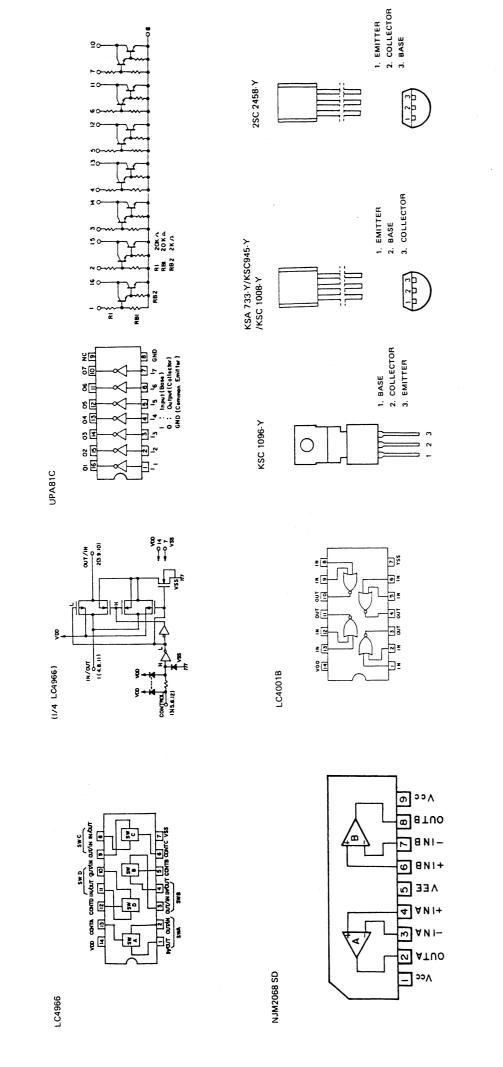
### STK4044XI





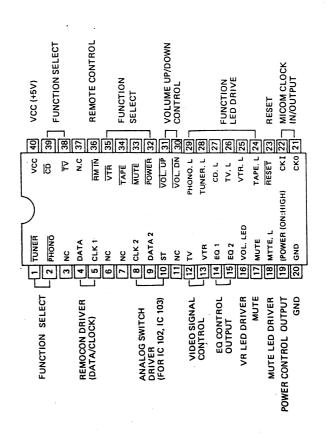
#### REMOTE CONTROL





• COP 440-WZF/N (single-chip N-CHANNEL Microcontrollers)
COP 440-WZF/N is 2K x 8 ROM AND EMPLOY 160 x 4 RAM.

LC4969



- PIN is "H", if Function is selected (PIN 12, 13, 24, 25, 26, 27, 28, 29)
  - PIN28: FOR TUNER LED DRIVE (OUTPUT) PIN29: FOR PHONO LED DRIVE (OUTPUT)

# ANALOG SWITCH IC (IC 102/103, TC9164N/9163N)

## (1) TIME CHART

|          | -         |             |          |
|----------|-----------|-------------|----------|
|          |           | <u></u>     | 7        |
| ເວ       |           | 4           |          |
| 2        |           | 13          |          |
| C C      |           | 12          |          |
| C0 C1 C2 |           | Ξ           |          |
| ٦        |           | 10 11 12 13 |          |
| 6        |           | 6           |          |
| 8        |           | 80          |          |
| 7        |           | 7           |          |
| 9        |           | 9           |          |
| ß        |           | ഗ           |          |
| 4        |           | 4           |          |
| က        |           | က           |          |
| 2        |           | 7           |          |
| SW1      |           | -           |          |
| ,        | DAIA<br>A | CLA         | STROBO — |

TC9164N's and TC9163N's data are consist of 14 Bits. First B Bits (1-8) match with analog SW's (1-8) and port is "H" in ON codition. Next 2 Bits (9-10) are for L/R-CH selection. Last 4 Bits (11-14) are code Bits for selecting chip.

| ខ  | ٦       | ب       |  |
|----|---------|---------|--|
| 23 | ب       | ٦       |  |
| C  | L       | I       |  |
| 8  | I       | ٦       |  |
|    | TC9163N | TC9164N |  |

# (2) IC 102 (TC9164N) DATA

| ខ    | 013      | ب     | ب ا   | ر ا | ب      | د ا | ٦            | _            | ب         | ر ا       | ر          |
|------|----------|-------|-------|-----|--------|-----|--------------|--------------|-----------|-----------|------------|
| CJ   | D12      | ٦     | ب     | ٦   | ١      | ٦   |              | -            | بد        | ب         | ر ا        |
| 5    | D11      | I     | I     | I   | Ι,     | I   | I            | Ι            | I         | I         | I          |
| 8    | D 10     | ٦     | ٦     | ٦   |        |     | ٦            | ب            | ر         | L         | ر          |
| ٦    | 60       | I     | I     | I   | I      | I   | I            | Ξ            | I         | I         | I          |
| Œ    | D8       | I     | I     | I   | I      | Ι   | I            | I            | Ι         | I         | Ι          |
| 88   | 70       | ٦     | ٦     | _   | د      | Ξ   | ب            | ٦            | ب         | ١         | I          |
| 57   | 90       | ١     | ٦     | ٦   | ٦      | ٦   | ٦            | ٦            | ٦         | ٦         | ٦          |
| 98   | D5       | I     | Ι     | Ι   | I      | ٦   | Ξ            | Ι            | I         | Ι         | ٦          |
| SS   | D4       | ٦     | ٦     | ٦   | ٦      | ٦   | ١            | ١            | ٦         | ר         | ٦          |
| S4   | D3       | ı     | L     | ٦   | Ι      | L   | L            | L            | ٦         | I         | L          |
| 23   | D2       | ı     | ٦     | I   | 7      | ٦   | L            | L            | Ξ         | L         |            |
| 25   | D1       | ٦     | I     | ų   | L      | L   | L            | Ή            | L         | L         | ı          |
| S1   | 00       | I     | ٦     | ٦   | ب      | L   | I            | L            | 1         | L         | ı          |
| DATE | FUNCTION | PHONO | TUNER | CD  | TV/VTR | VTR | PHONO + TAPE | TUNER + TAPE | CD + TAPE | TV + TAPE | VTR + TAPE |

IC 103 (TC9163N) DATA

| DATA         | 15 | \$2 | 83 | 84 | SS  | 90 | 22 | 88  | Œ  | ١  | ន   | CJ  | C3  | ន    |
|--------------|----|-----|----|----|-----|----|----|-----|----|----|-----|-----|-----|------|
| FUNCTION     | å  | ٥   | D2 | D3 | D4  | D6 | 90 | 70  | 08 | 60 | D10 | 110 | D12 | D13  |
| PHONO        | I  | ٦   | ٦  | ٦  | ۲   | L  | ı  | 1   | I  | I  | I   | ٦   | ٦   | _    |
| TUNER        | ٦  | I   | ٦  | ٦  | _   | ٦  | ٦  | ب   | I  | I  | I   | ب   | ٦   | _    |
| go           | ٠  | د   | I  | ٦  | 7   | ٠. | ب  | ٦   | Ι  | I  | I   | د   | ر   | ا د  |
| TV/VTR       | 7  | ٦   | ر  | I  | _   | ٦  |    | ب   | I  | I  | I   | L   |     | رد   |
| VTR          | ب  | ٦   | ١  | ٦  | I   | ب  | ı  | 1   | I  | I  | I   | ı   | _   | _    |
| PHONO + TAPE | ب  | ٦   | د  | د  | ٦   | ب  | I  | ر ا | I  | I  | I   | ٦   | ı   | ١    |
| TUNER + TAPE | د  | ٦   | د  | ٦  | _   | ٦  | I  | ٦   | I  | I  | I   | ب   | ٦   | ا بـ |
| CD + TAPE    | ب  | ر   | ۔  | ۔  | ١   | ب  | I  | ٦   | I  | I  | I   | ب   | _   | ا د  |
| TV + TAPE    | ٠  | ر   | ٦  | 1  | ٦   | ب  | I  | 1   | I  | I  | I   | ي ا | _   | ا د  |
| VTR + TAPE   |    | ب ا | ٦  | ٦  | ر ا | ب  | I  | L   | I  | I  | I   | ر   | ١   | ٦    |

(4) MICOM IC 701's TIME CHART

DATA2

This timing chart shows MICOM IC's out put (DATA2, CLK2, ST) in CASE of selecting PHONO function

ST

## PA81C (IC202)

| 16   | 0     |   |
|------|-------|---|
| 15   | 0.5   |   |
| 14   | 0.5   |   |
| 13   | 0.5   |   |
| 12   | 0.5   |   |
| =    | 7.5   |   |
| 0    | 7.5   |   |
| 6    | 0     |   |
| 8    | 0     |   |
| 7    | 0     |   |
| 9    | 0     |   |
| r.   | 4.3   |   |
| 4    | 4.3   |   |
| e    | 4.3   |   |
| 7    | 4.3   |   |
| -    | ۰     |   |
| C/PN | IC202 | - |

12 15.1

7.6 6 0.6 0.5 0 0 -16.1 -16.1

9 7.5

8 8 0

11.8 0.5 0 -15.1 -15.1 -15.1

4 8 0

8.8

LC4966(IC 201)
IC PIN 1
IC201 6
IC302 0

28 15.1 15.1

0 0

800

0 0

17 18

9

IC102

13

12

0 0 0 15.1 1.31 0 0 0 1.31 1.31 0 0 1.31 1.31 0 1.31

-15.2 -15.2 -15.2 -15.2 -15.2

00000

0 0 0 0 0

| C101 | 15.1 | C104 | 15.1 | C106 | 15.1 | C301 | 15.1 | C401 | 15.1 | C402 | 16.1 | C402 | C403 |

NJM2068SD (IC101, 104, 105, 301, 401) NJM4560S (IC402)

0 0

000

0 0

0 0

4 0 0

TC9164N(IC102) TC9163N(IC103)

IC PIN 1 2 3 4

IC102 -15.2 0 0 0

IC103 -15.2 0 0 0

LC4001B (IC703)

| IC PIN         1         2         3         4         5         6         7         8         9         10         11         12           IC703         0         0         6.0         6.0         6.0         4.8         5.0         0         5.0         6         5.0         6         6.0         6.0         6         6.0         6         6.0         6 |
|---|
| PIN 1 2 3 4 5 6 7 8 9 10 11   |
|   |

41 0

13

| LC4969(1C706) | (90/2) |     |   |     |     |   |   |     |
|---------------|--------|-----|---|-----|-----|---|---|-----|
| NI<br>DI      | 1      | 2   | ε | 4   | 5   | 9 | 7 | 8   |
| 10706         | 0.1    | 5.0 | 0 | 5.0 | 4.0 | 0 | 0 | 5.0 |

STK4044 X 1 (IC501, IC551)

| NI/    | -    | 7         | 8  | 4     | ß                | 9    | 7   | 8    | 6    | 2    |
|--------|------|-----------|----|-------|------------------|------|-----|------|------|------|
| 10 501 | -0.2 | -0.2 -0.2 | 0  | -54.0 | -54.0 -54.0 -0.8 | -0.8 | 1.2 | 54.5 | -1.2 | -1.2 |
| IC 551 | -0.2 | -0.2 -0.2 | 0  | -54.0 | -54.054.0 -0.8   | -0.8 | 1.2 | 54.5 | -1.2 | -1.2 |
| Z/     | =    | 12        | 13 | 14    | 15               |      |     |      |      |      |
| 10 501 | 55.0 | -56.5     | 0  | 56.7  | 55.5             |      |     |      |      |      |
| IC 551 | 55.0 | 55.056.5  | 0  | 56.7  | 55.5             |      |     |      |      |      |
|        |      |           |    |       |                  |      |     |      |      |      |

COP440-WZF/N (IC701)

| 10     | 0      | 20           | 0      | 30   | 2.3    | 40     | 5.0    |
|--------|--------|--------------|--------|------|--------|--------|--------|
| 6      | 0      | 19           | 4.8    | 29   | 2.3    | 39     | 5.0    |
| 8      | 0      | 18           | 0      | 28   | 0      | 38     | 5.0    |
| 7      | 5.0    | 17           | 0      | 27   | 0      | 37     | 5.0    |
| 9      | 5.0    | 16           | 0      | 26   | 0      | 36     | 5.0    |
| 2      | 0      | 15           | 0      | 25   | 0      | 35     | 5.0    |
| 4      | 0      | 14           | 0      | 24   | 0      | 34     | 5.0    |
| 3      | 5.0    | 13           | 0      | 23   | 5.0    | 33     | 5.0    |
| 2      | 5.0    | 12           | 0      | 22   | 1.5    | 32     | 5.0    |
| -      | 5.0    | 11           | 0      | 21   | 1.3    | 31     | 2.3    |
| N<br>N | 10 701 | N<br>DI<br>N | IC 701 | NI / | IC 701 | IC PIN | IC 701 |

| 5           | 0      | 50          | 0      | 30  | 2.3    | 40       | 5.0    |
|-------------|--------|-------------|--------|---|--------|----------|--------|
| 6           | 0      | 19          | 4.8    | 29  | 2.3    | 39       | 5.0    |
| 8           | 0      | 18          | 0      | 28  | 0      | 38       | 5.0    |
| 7           | 5.0    | 17          | 0      | 27  | 0      | 37       | 5.0    |
| 9           | 5.0    | 16          | 0      | 26  | 0      | 36       | 5.0    |
| 2           | 0      | 15          | 0      | 25  | 0      | 35       | 5.0    |
| 4           | 0      | 14          | 0      | 24  | 0      | 34       | 5.0    |
| 3           | 5.0    | 13          | 0      | 23  | 5.0    | 33       | 5.0    |
| 2           | 5.0    | 12          | 0      | 22  | 1.5    | 32       | 5.0    |
| -           | 5.0    | 11          | 0      | 21  | 1.3    | 31       | 2.3    |
| N<br>N<br>N | IC 701 | N<br>N<br>N | IC 701 | NI<br>NI<br>NI<br>NI<br>NI<br>NI<br>NI<br>NI<br>NI<br>NI<br>NI<br>NI<br>NI<br>N | IC 701 | J. P. N. | IC 701 |

MM5451N (IC702)

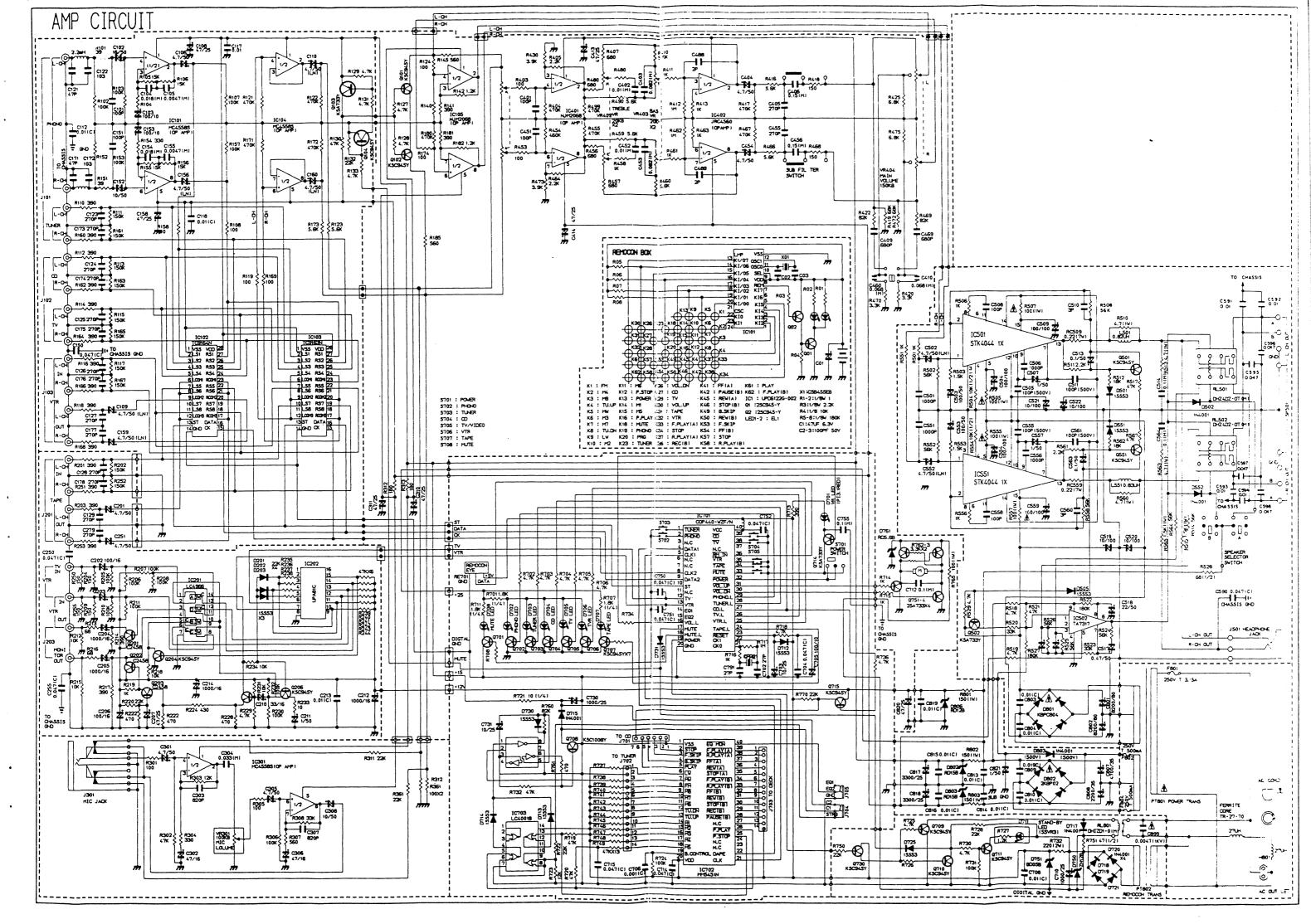
| NIM<br>O    | -   | 2   | 3   | 4   | 2   | 9   | 7   | 8   | 6   | 01. |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| IC 702      | 0   | 0   | ٥   | 0   | 0   | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| N<br>N<br>N | 1   | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  |
| IC 702      | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 3.3 | 5.0 |
| N<br>N<br>N | 21  | 22  | 23  | 24  | 25  | 26  | 27  | 28  | 29  | 30  |
| IC 702      | 0   | 0   | 0   | 0   | 5.0 | 5.0 | 0   | 0   | 0   | 0   |
| IC PIN      | 31  | 32  | 33  | 34  | 35  | 36  | 37  | 38  | 39  | 40  |
| IC 702      | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
|             |     |     |     |     |     |     |     |     |     |     |

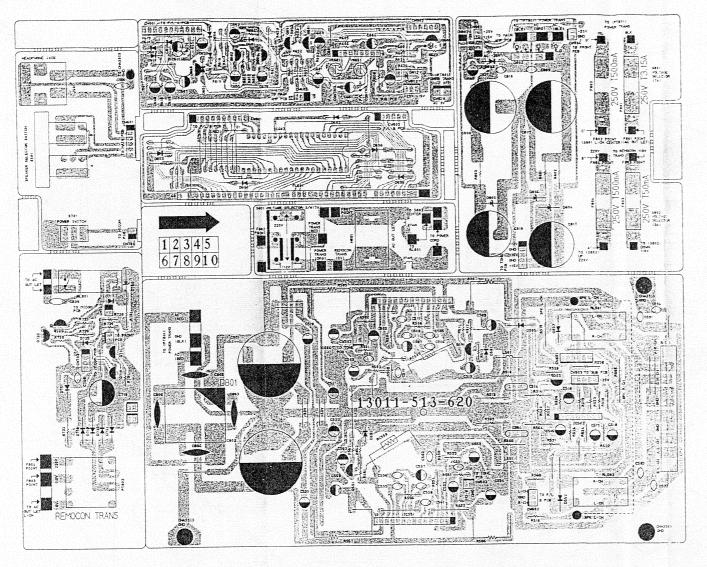
TA7317P(IC502)

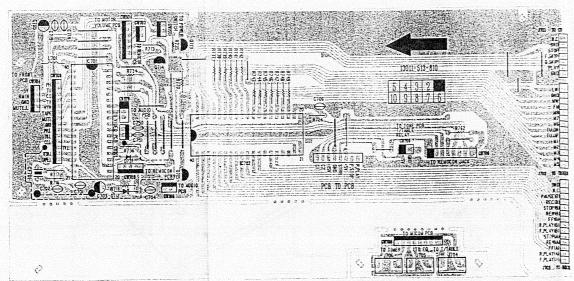
|        | :     |
|--------|-------|
| 6      | 3.1   |
| 8      | 1.4   |
| 7      | 0     |
| O      | 0     |
| 5      | -0.8  |
| 4      | 0     |
| 3      | 0     |
| 2      | 0     |
| 1      | -0.7  |
| IC PIN | IC502 |

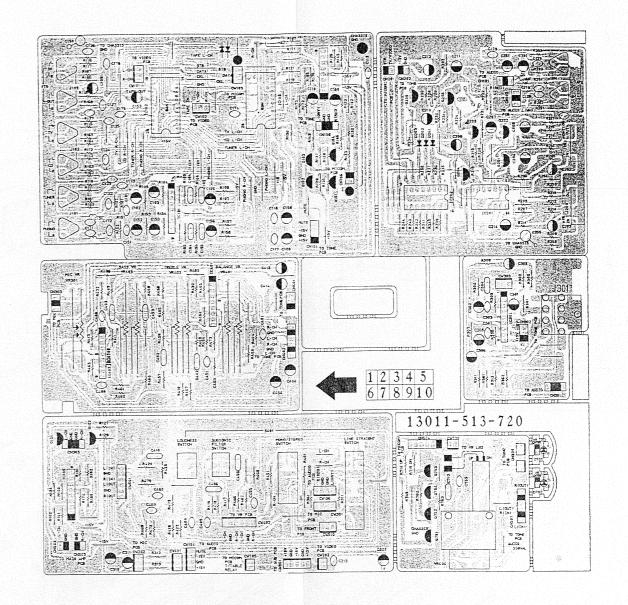
KSC945-Y (Q101, 102, 104, 204, 206, 501, 551, 701, 702, 703, 704, 705, 706, 707, 709, 710, 711, 713, 715, 730) KSA733-Y (Q103, 502) 2SC2458-Y (Q201, 202, 203, 205) KSC1008-Y (Q708)

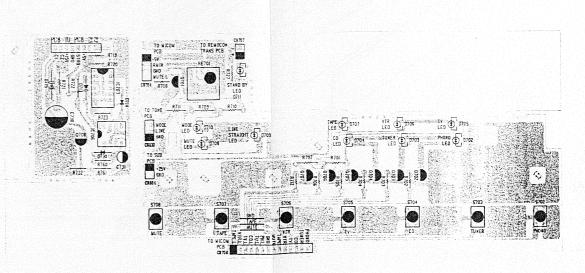
| ပ       | 0.2   | 0    | 12.8           | -0.1 5.0 | 0.1     |      | 5.0              |
|---------|-------|------|----------------|----------|---------|------|------------------|
| В       | 8.0   | 0.7  | 0              |          | 0.2     |      | 4.6              |
| Е       | 0     | 0    | 0              | 0        | 6.0     |      | 4.0              |
| C DI    | 00200 | a710 | 0711           | 0713     | 0714    | 0715 | 02/30            |
| ၁       | 0.1   | 1.7  | 1.7            | 1.7      | 1.7     | 1.7  | 0 0.1            |
| В       | 0.7   | 0    | 0              | 0        | 0       | 0    | 0                |
| ш       | 0     | 0    | 0              | 0        | 0       | 0    | 0                |
| IC PIN  | Q702  | 0703 | Q704           | Q705     | 0706    | a707 | 0708             |
| ပ       | 11.8  | 12.1 | 7.5            | 56.5     | -0.7    | 56.5 | 23.0             |
| В       | 0.5   | 2.0  | 7.5 8.0        | 0        | 57.2    | 0    | 0                |
| ш       | 0     | 1.4  |                | 0        | 57.2    | 0    | 0                |
| PIN     | 0204  | 0205 | 0200           | Q501     | 0502    | 0551 | 1.4 2.0 9.1 Q701 |
| ၁       | 0     | 0    | -8.4           | 15.1     | 12.1    | 12.1 | 9.1              |
| В       | -8.0  | -8.0 | 15.1 15.1 -8.4 | 0        | 7.7 8.4 | 9.1  | 2.0              |
| ш       | 0     | 0    | 15.1           | 0        | 7.7     | 8.4  | 1.4              |
| N<br>DI | α101  | 0102 | 0103           | Q104     | 0201    | 0202 | 0203             |
|         |       |      |                |          |         |      |                  |

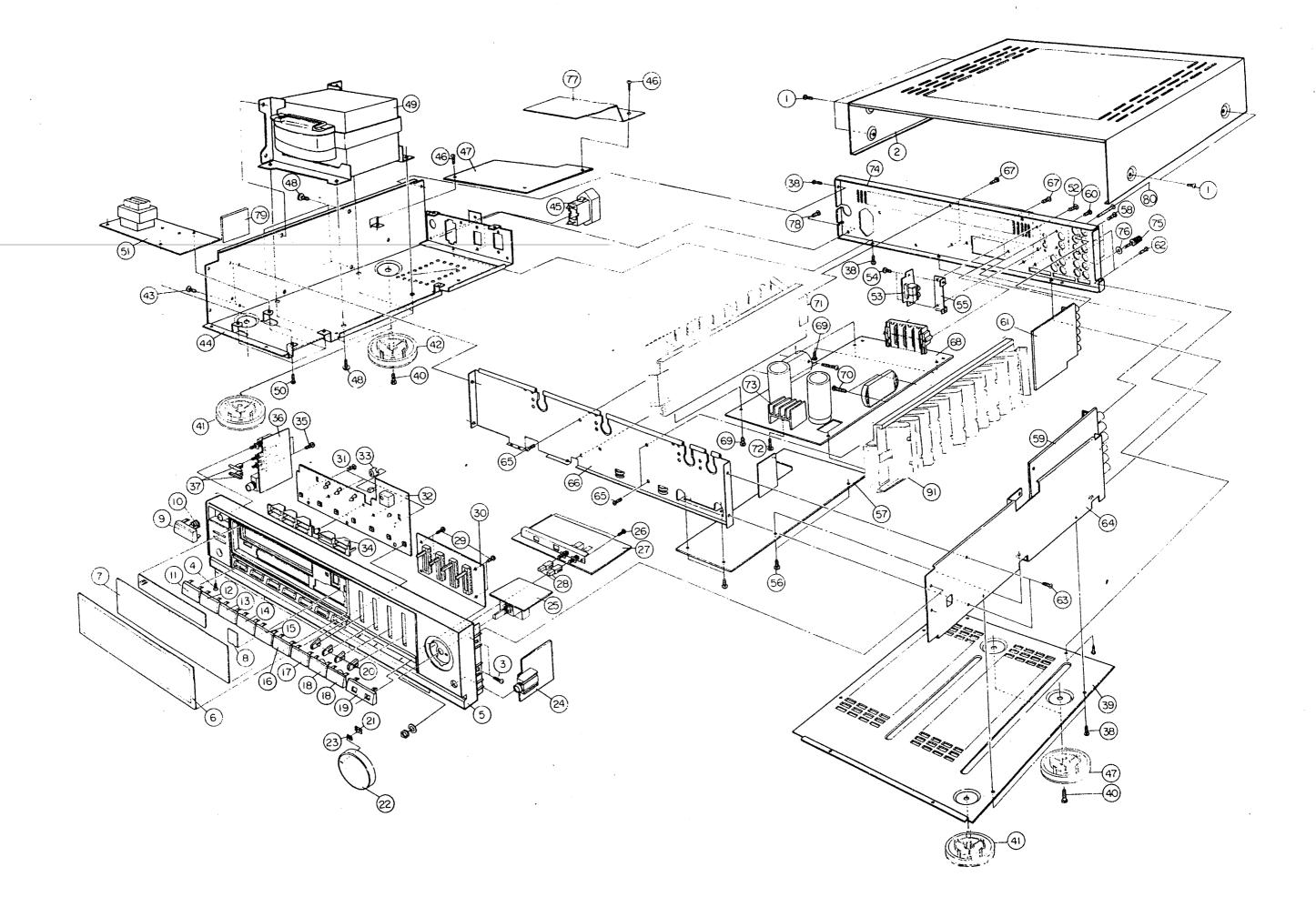












| ZEILE POSITION SYM   | BEZEICHNUNG   | ET-NUMMER  |
|--|---|--|
| 1<br>2<br>3 FB-EQ<br>4 FB-TB, TUN.<br>5 FB-CD                    | NF-VERB.KABEL 2X CINCH JE SEITE<br>NF-KABEL 2X3.5 KLINKENST. MONO<br>STEUERKABEL 14-PIN<br>STEUERKABEL,CD-7-PIN   | 997 609 3<br>947 423 0<br>741 912 0<br>741 913 8                         |
| 6<br>7   | GEHAEUSE UND BEDIENTEILE :  |  |
| 8<br>9 2<br>10 5<br>11 6<br>12 7                                 | GEHAEUSE-OBERTEIL<br>FRONT-BLENDE<br>FRONT-SCHEIBE<br>SCHEIBE MIT SCHRIFT   | 744 830 1<br>744 835 0<br>744 847 5<br>744 885 5                         |
| 13 8<br>14 9<br>15 10<br>16 11<br>17 12                          | FILTER-SCHEIBE<br>KNOPF,POWER<br>FEDER<br>KNOPF,PHONO<br>KNOPF,TUNER  | 744 848 3<br>744 846 7<br>741 893 2<br>744 837 6<br>744 838 4            |
| 18 13<br>19 14<br>20 15<br>21 16                                 | KNOPF,CD<br>KNOPF,TV-VIDEO<br>KNOPF,VTR<br>KNOPF,TAPE<br>KNOPF,MUTE   | 744 839 2<br>744 840 0<br>744 841 8<br>744 842 6<br>744 843 4            |
| 22 17<br>23 18<br>24 19<br>25 20<br>26 22<br>27 23               | KNOPF,BLIND<br>KNOPF,BLIND<br>KNOPF,SCHIEBEREGLER<br>KNOPF,VOLUME<br>ZIERPLATTE,VOLUME  | 744 845 9<br>744 832 7<br>744 831 9<br>744 849 1<br>744 850 9            |
| 28 28<br>29 37<br>30 41<br>31 42,47<br>32 45                     | KNOPF, MODE KNOPF, SPEAKER FUSS, VORN FUSS, HINTEN NETZBUCHSE   | 744 844 2<br>744 836 8<br>744 824 4<br>744 825 1<br>741 831 7            |
| 33 49<br>34 51   | NETZTRAFO,GROSS<br>STANOBY-NETZTRAFO,KLEIN  | 744 833 5<br>744 834 3   |
| <b>35</b><br><b>36</b> (8) [0] (8) (6] (6) (7)                   | FERNBEDIENUNG :   |  |
| 37<br>38<br>39<br>40 ICO1<br>41 LED1,2                           | FERNBEDIENUNG,GEBER BATTERIEFACHDECKEL FUER FB IC UPD 6122 G-002 LEUCHTDIODE LN 66 R  | 744 883 0<br>744 887 1<br>744 884 8<br>728 075 3                         |
| 42 LED3<br>43 Q01<br>44 Q02<br>45 X01                            | LED SLP 144 B<br>TRANSISTOR BC 337 16<br>TRANSISTOR 2 SC 2021 R<br>KERAMIK-FILTER CSB 455E  | 744 886 3<br>175 716 0<br>950 535 5<br>741 884 1                         |
| 4 <del>6</del><br>47   | ELEKTRISCHE TEILE :   |  |
| 48<br>49 H801<br>50 FH-EING.<br>51 C801,802<br>52 C807,808       | DROSSEL 27 UH<br>DROSSEL 2R2 UH<br>ELKO 8200 UF/80V<br>ELKO 2200 UF/25V   | 741 873 4<br>741 874 2<br>744 858 2<br>744 857 4                         |
| 53 C817,818<br>54 CF701<br>55 D201-551<br>56 D701                | ELKO 3300 UF/35V<br>QUARZ 4.0 MHZ<br>DICOE 1 N 4148<br>LED SLR 34 VR3<br>LED SLV 31 DC3   | 744 856 6<br>727 532 4<br>175 540 4<br>744 869 9<br>744 868 1            |
| 58 D710<br>59 D711<br>60 D712-714<br>61 D716                     | LED SLV 31 MC3<br>LED SLB-55VR3 (ROT<br>DIODE 1 N 4148<br>Z-DIODE RD 4,7  | 744 667 3<br>740 351 2<br>175 540 4<br>921 586 4<br>175 540 4            |
| 63 D750,804<br>64 D761<br>65 D801<br>66 D802                     | ZENERDIODE RD 12 EB<br>Z-DIODE RD 5,6 EB1<br>GLEICHRICHTER KBPC 804 8A,40<br>GLEICHRICHTER 2 KBP2   | 965 944 2<br>965 944 2<br>741 866 8<br>730 984 2                         |
| 68 IC101,401<br>69 IC102<br>70 IC103<br>71 IC104,105<br>72 IC201 | IC NJM 2068 SD IC TC 9164 N IC TC 9164 N IC TC 9163 N IC NJM 2068 SD IC LC 4966  IC UPA 81 C IC NJM 4560 S IC STK 4044 XI IC TA 7317 P IC COP 440-WZF/N | 740 010 4<br>744 863 2<br>744 862 4<br>740 010 4<br>741 864 3            |
| 73 IC202<br>74 IC402<br>75 IC501,551<br>76 IC502<br>77 IC701     | IC UPA 81 C<br>IC NJM 4560 S<br>IC STK 4044 XI<br>IC TA 7317 P<br>IC COP 440-WZF/N  | 744 864 0<br>730 458 7<br>744 865 7<br>949 <del>182</del> 0<br>744 859 0 |
| 78 IC702<br>79 IC703<br>80 IC705<br>81 IC706<br>82 J101-201      | IC MM 5451-N<br>IC LC 4001 B<br>IC BA 6209<br>IC LC 4969<br>CINCHBUCHSE 4-POL   | 744 861 6<br>730 335 7<br>989 543 4<br>744 860 8<br>741 880 9            |

| ZEILE                           | POSITION   | SYM                | BEZEICHNUNG   | ET-NUMMER   |
|---------------------------------|--|--------------------|---|---|
| 83<br>84<br>85<br>86<br>87      | J202,203<br>J301,MIC<br>J501,KH<br>J701<br>J702,703        |                    | CINCHBUCHSE 2-POL KLINKENBUCHSE 6.3 MM STEREO KLINKENBUCHSE 6.3 MM STEREO ANSCHLUSSBUCHSE 7-PIN ANSCHLUSSBUCHSE 14-PIN                | 744 874 9   |
| 88<br>89<br>90<br>91<br>92      | J704,705<br>L501,551<br>L701<br>PT801<br>PT802             |                    | KLINKENBUCHSE<br>DROSSEL 0.82 UH<br>SPULE 470 UH<br>NETZTRAFO,GROSS<br>STANDBY-NETZTRAFO,KLEIN  | 744 872 3<br>744 870 7<br>741 989 8<br>744 833 5<br>744 634 3 |
| 93<br>94<br>95<br>96<br>97      | Q101,102,4<br>Q103,502<br>Q201-203<br>Q204,206<br>Q205     |                    | TRANSISTOR 2 SC 945 TRANSISTOR 2 SA 733 P TRANSISTOR 2 SC 3199 (GR) TRANSISTOR 2 SC 945 TRANSISTOR 2 SC 3199 (GR)                     | 175 739 2<br>275 632 1<br>939 833 9<br>175 739 2<br>989 833 9 |
| 98<br>99<br>100<br>101<br>102   | Q501,551<br>Q701-707<br>Q708<br>Q709-711<br>Q714           |                    | TRANSISTOR 2 SC 945 TRANSISTOR 2 SC 945 TRANSISTOR KSC 1008 TRANSISTOR 2 SC 945 TRANSISTOR 2 SA 733 P                                 | 175 739 2<br>175 739 2<br>744 882 2<br>175 739 2<br>275 032 1 |
| 103<br>104<br>105<br>106<br>107 | Q715,730<br>Q751-754<br>RC509,559<br>RE701<br>RL501,502    |                    | TRANSISTOR 2 SC 945 TRANSISTOR 2 SC 945 WIDERSTAND 0.22 OHM 7 WATT JR-EMPFAENGER RELEY DE24D2   | 175 739 2<br>175 739 2<br>744 851 7<br>744 866 5<br>744 881 4 |
| 109                             | RL801<br>S401,MODE<br>S501,SPEAK<br>S701,POWER<br>S702-708 |                    | DRUCKSCHALTER DRUCKSCHALTER TASTSCHALTER TASTSCHALTER TASTSCHALTER  | 744 830 6<br>744 878 0<br>744 877 2<br>744 876 4<br>744 879 8 |
| 113<br>114<br>115<br>116<br>117 | SP501<br>VR301,MIC<br>VR401,BAL<br>VR402,403<br>VR404,LAUT | o kisa<br>List air | LAUTSPRECHERBUCHSENLEISTE<br>SCHIEBEREGLER 100KB<br>SCHIEBEREGLER 100KMN<br>SCHIEBEREGLER 2X20KB<br>DREPOTI 2X150KB MIT MOTOR<br>ENDE | 744 871 5<br>744 855 8<br>744 853 3<br>744 854 1<br>744 852 5 |